Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	BDService
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 8.0.2
Input Device:	Carousel	Date:	05/12/2018 04:21 PM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product:	CST Setup Beads	Part #:	910859
Lot ID:	80291	Expiration Date:	02/29/2020
Bead Lot Information:	Available		

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	597	125000	N/A	1.11	123796	1.11	20087	3.94
Blue	F	SSC	555	125000	N/A	1.76	115363	1.75	51679	1.21
Blue	E	FITC	556	15760	N/A	2.86	341	21.09	59	72.41
Blue	D	PE	549	25880	N/A	1.91	563	15.7	116	54.72
Blue	B	PerCP-Cy5-5	647	34075	N/A	4.07	1039	21.38	199	52.51
Blue	A	PE-Cy7	697	22776	N/A	7	552	42.09	109	101.34
Red	C	APC	600	42488	N/A	2.58	1616	12.93	382	27.54
Red	A	APC-Cy7	571	24478	N/A	2.7	840	12.95	207	27.96
Violet	B	V450	489	6304	N/A	3.96	349	15.82	55	71.81
Violet	A	V500	506	26005	N/A	3.51	607	12.27	90	42.77

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.7	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.0221	-14.2	N/A	N/A	N/A
Blue	E	FITC	26	233946	7.3719	-16.0	24.4	0.0185	239
Blue	D	PE	11	235494	7.2766	-15.5	22.8	0.1494	305
Blue	B	PerCP-Cy5-5	152	230448	7.3525	-16.1	24.8	0.0085	99
Blue	A	PE-Cy7	89	227749	7.4320	-16.8	23.6	0.0104	19
Red	C	APC	99	234659	7.3907	-15.9	20.2	0.0214	173
Red	A	APC-Cy7	64	235233	7.4312	-16.1	19.3	0.0046	700
Violet	B	V450	22	233069	7.4139	-16.1	14.1	0.0342	2117
Violet	A	V500	155	241058	7.5799	-16.1	15.4	0.0154	1065

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Guidelines (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.98 - 71.98	N/A	N/A	-31.79	-31.64	0.87
Blue	20.37	16.27 - 24.41	1.25	0.99 - 1.49	0.00	0.00	1.39
Red	18.39	13.60 - 20.40	N/A	N/A	31.69	32.00	1.18

Window Extension: 7.00
FSC Area Scaling Factor: 0.90

Threshold

Threshold (FSC): 13019

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.60
Spec.: 3.80 - 4.00

Comments

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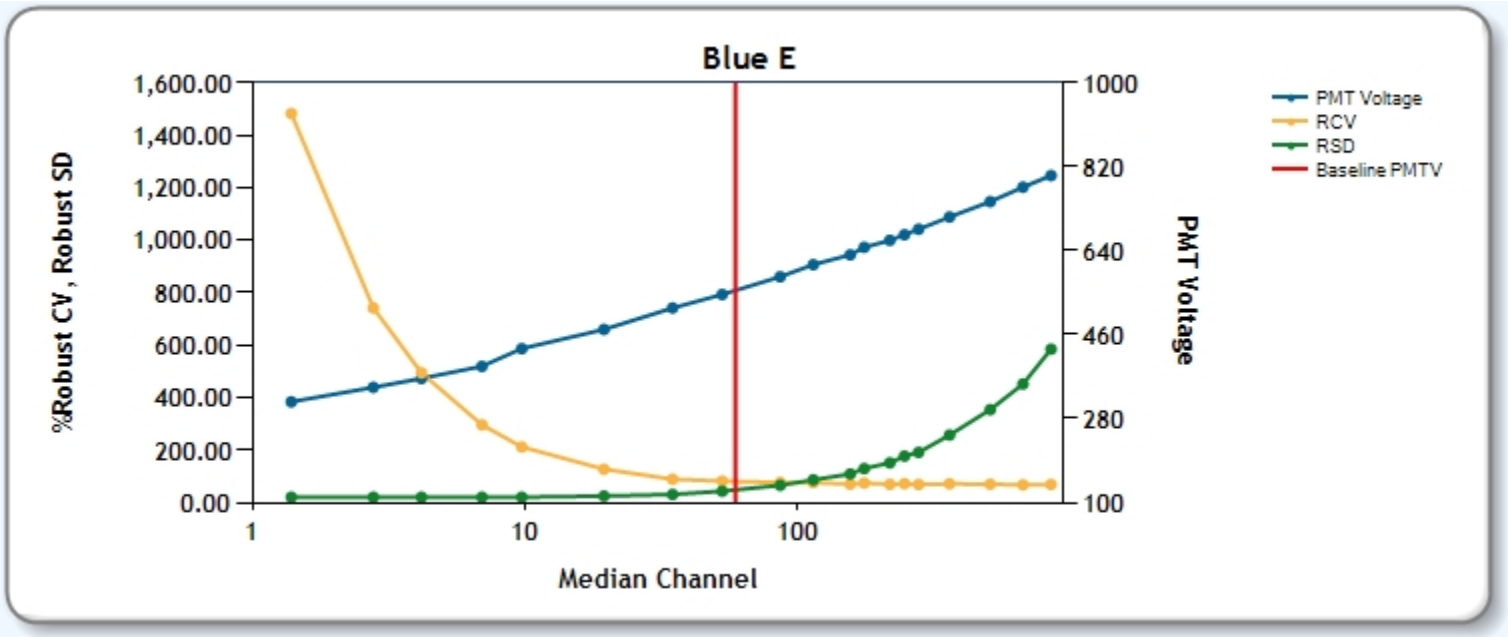
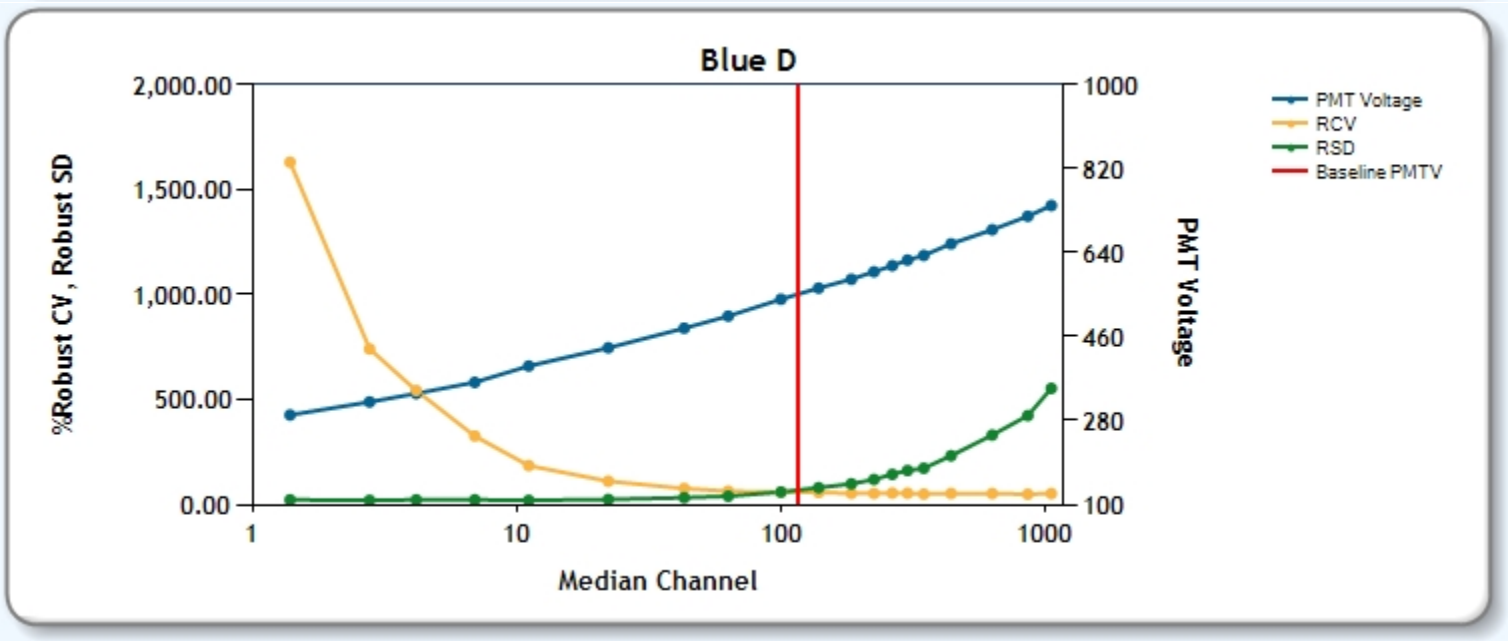
PMTV Optimization Results





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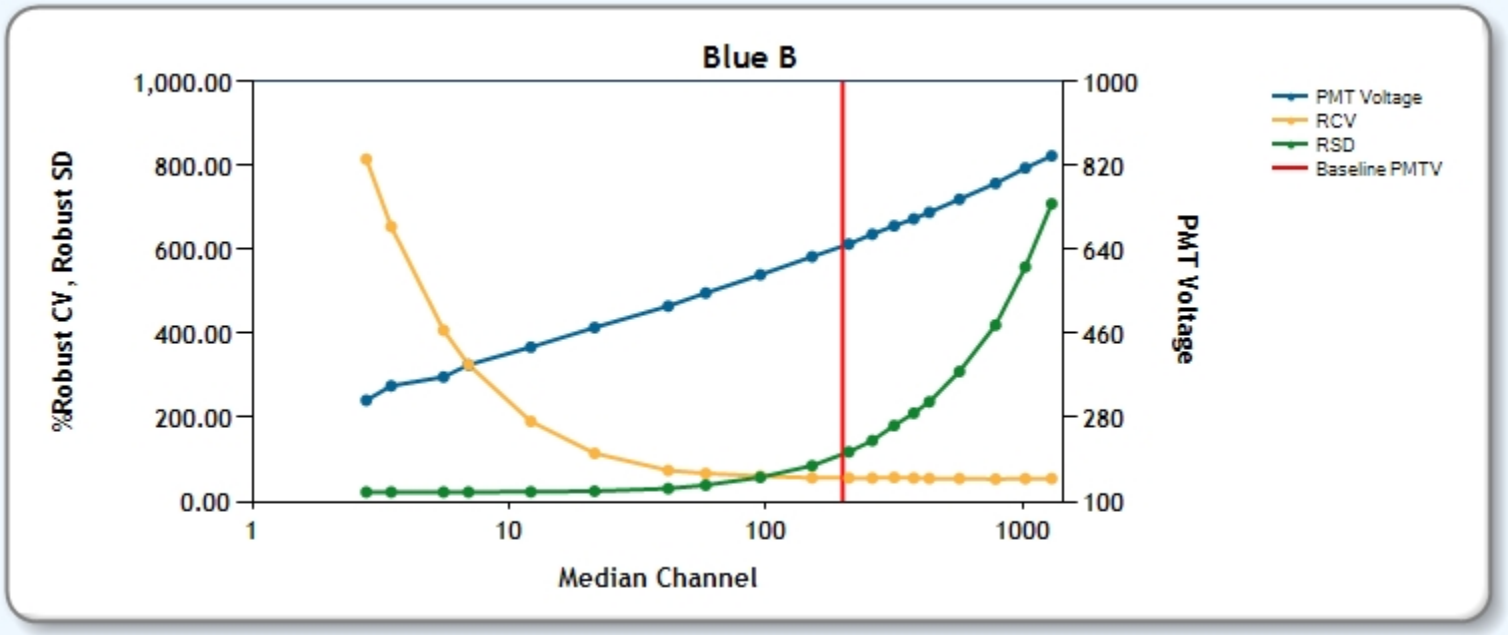

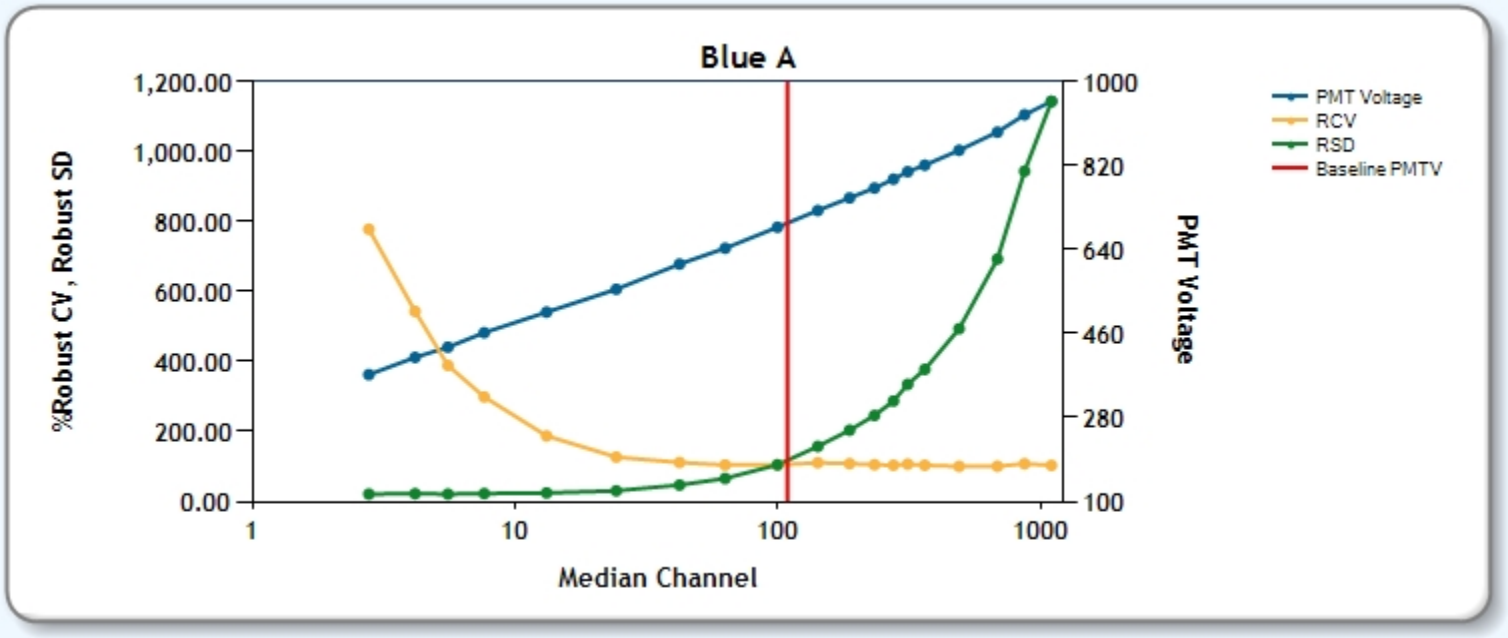

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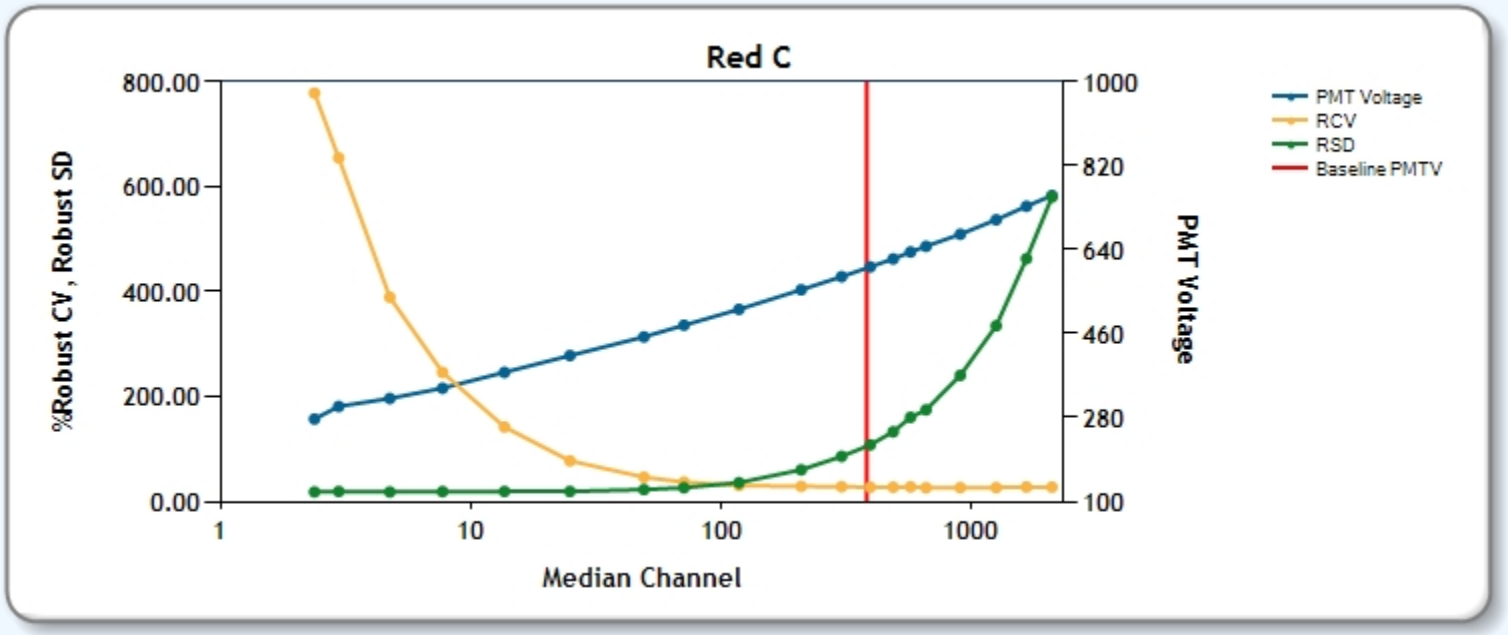

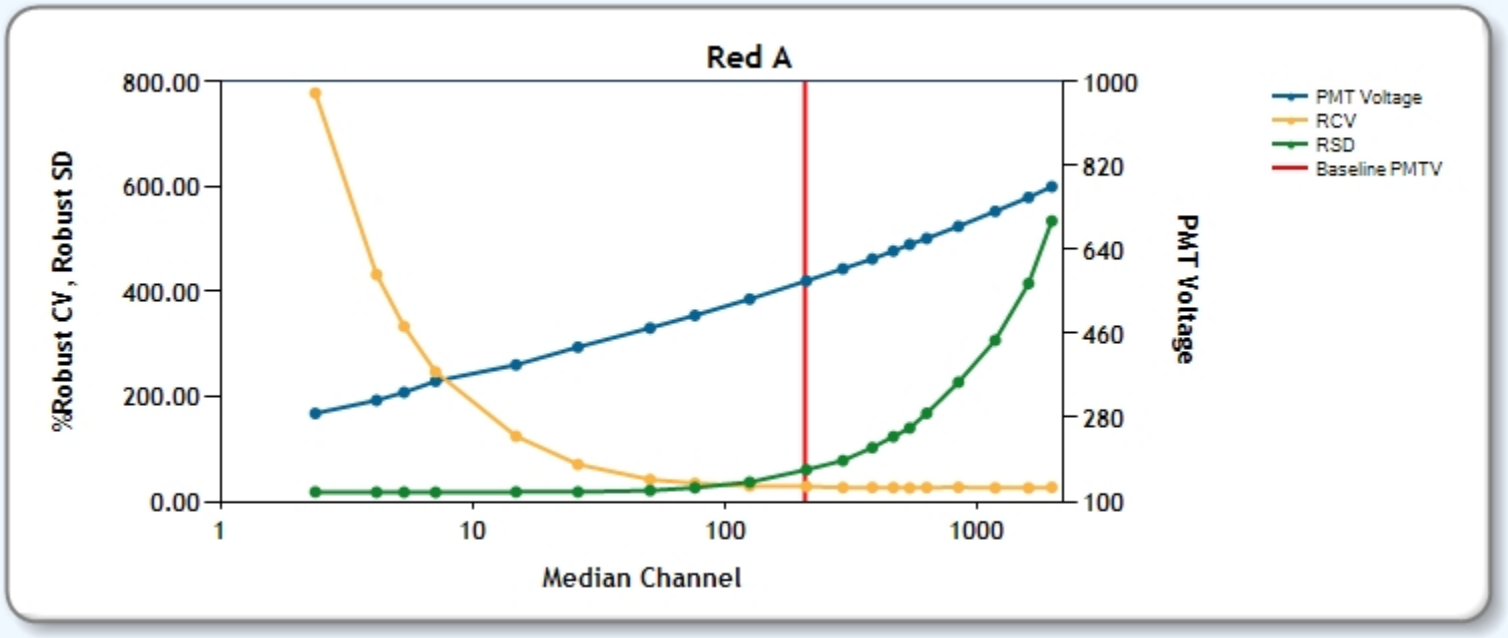

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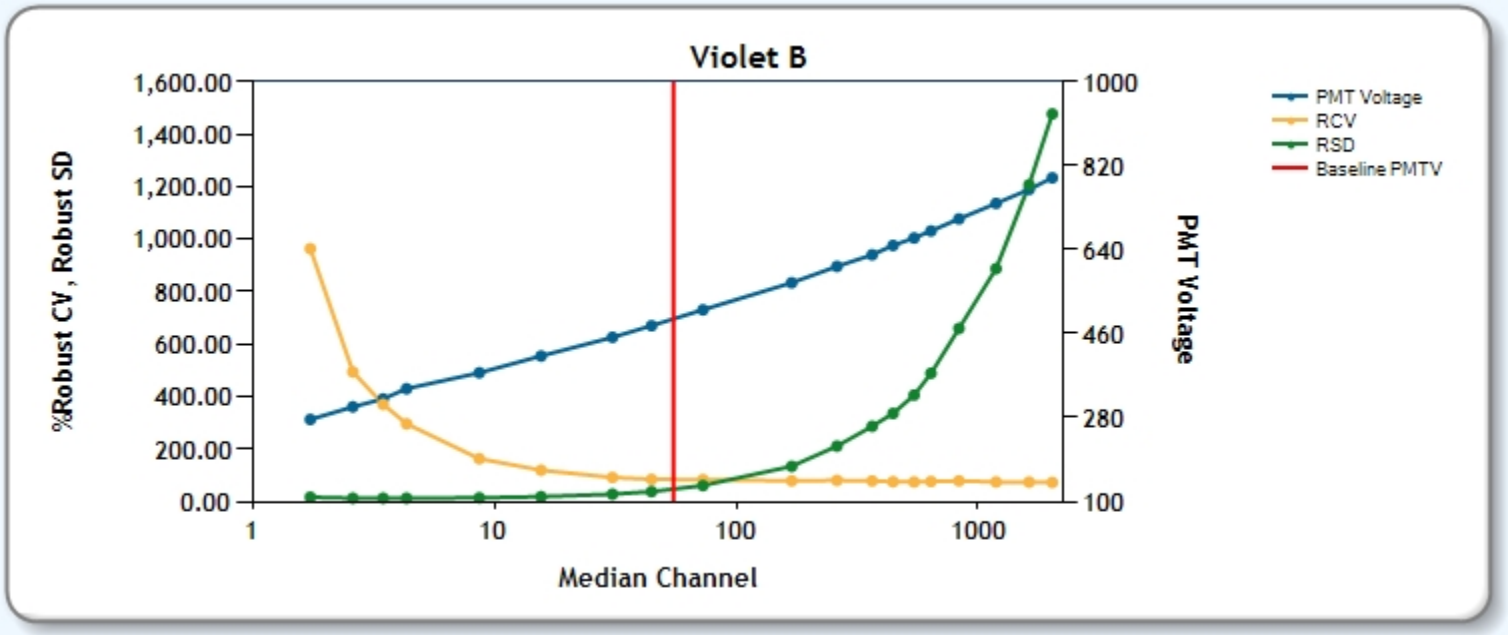

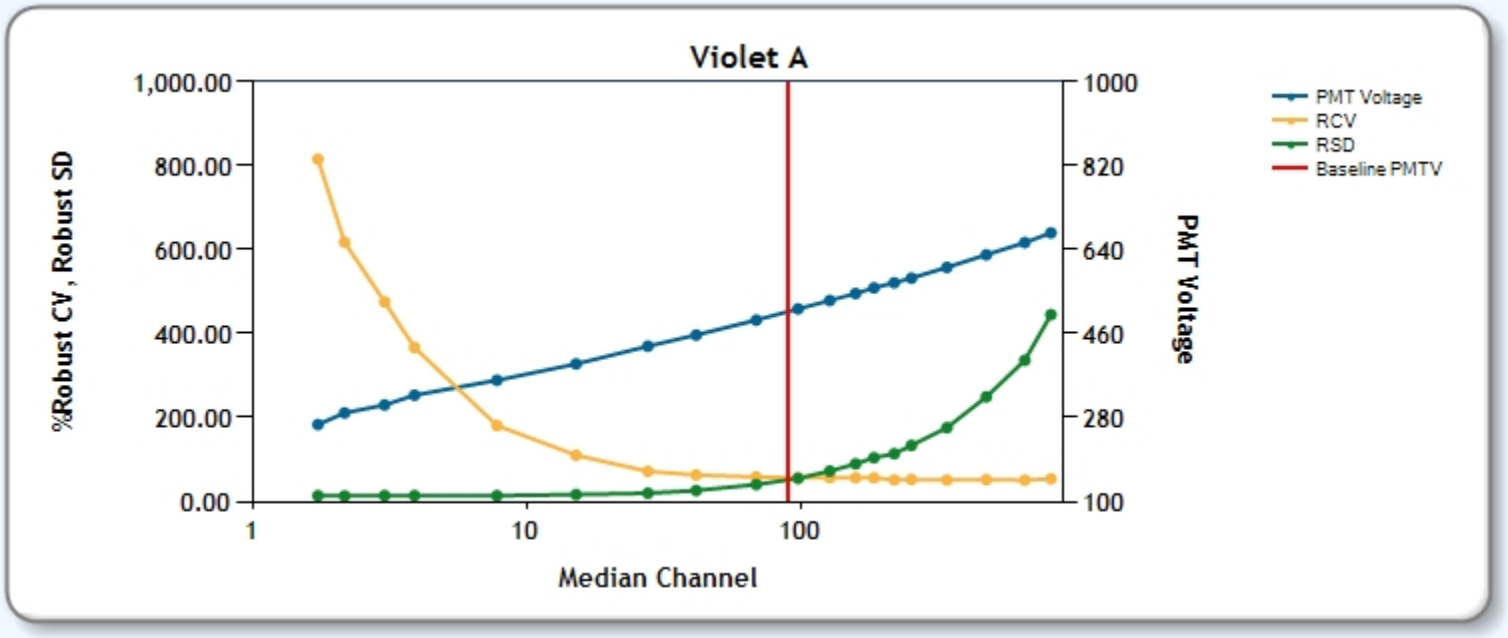

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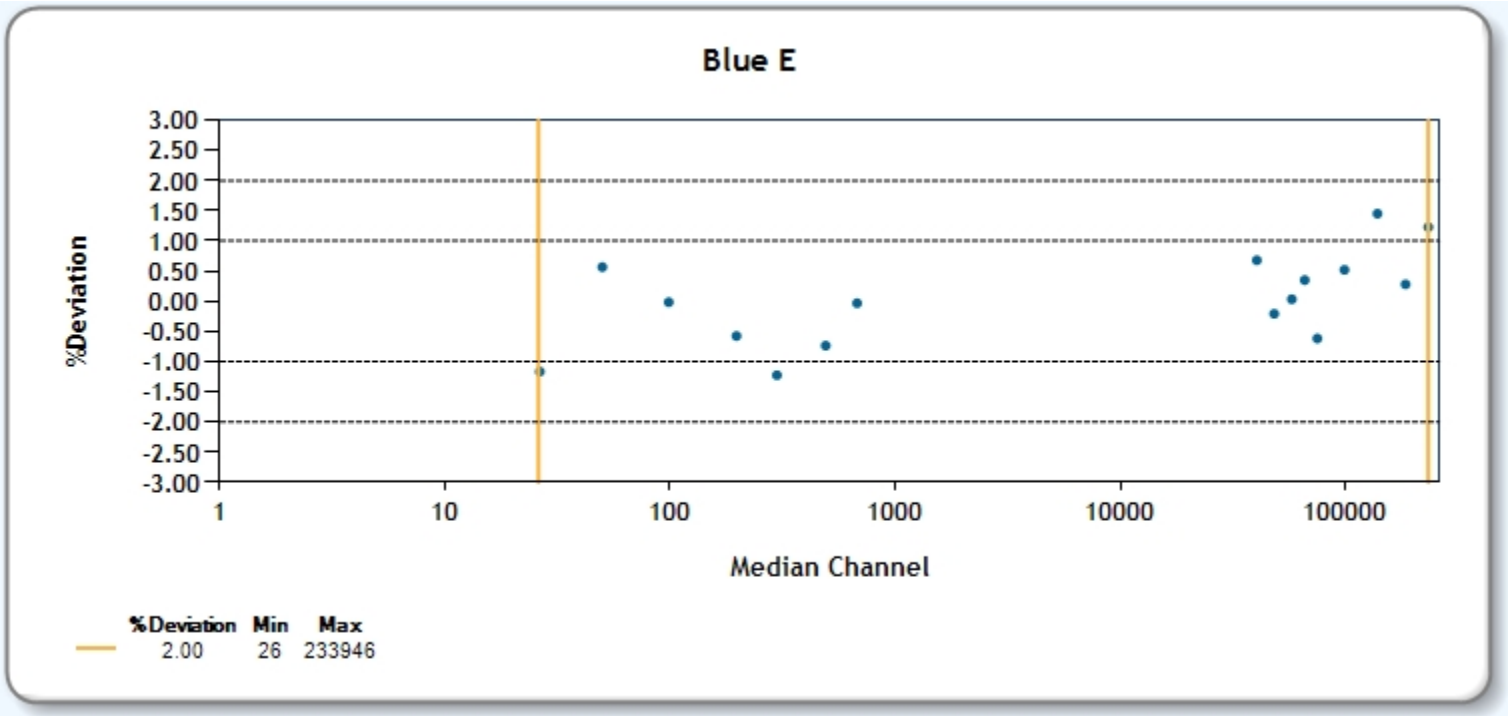
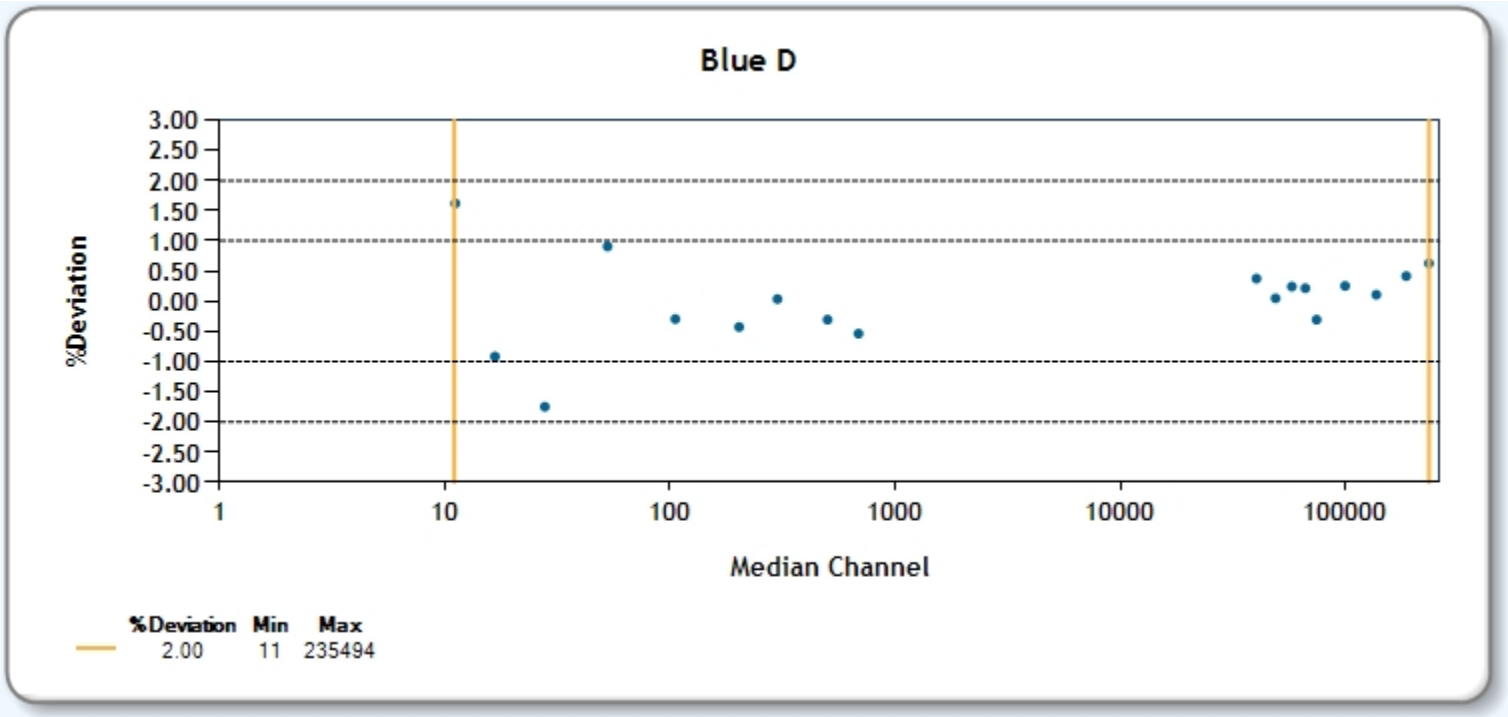
Linearity Results





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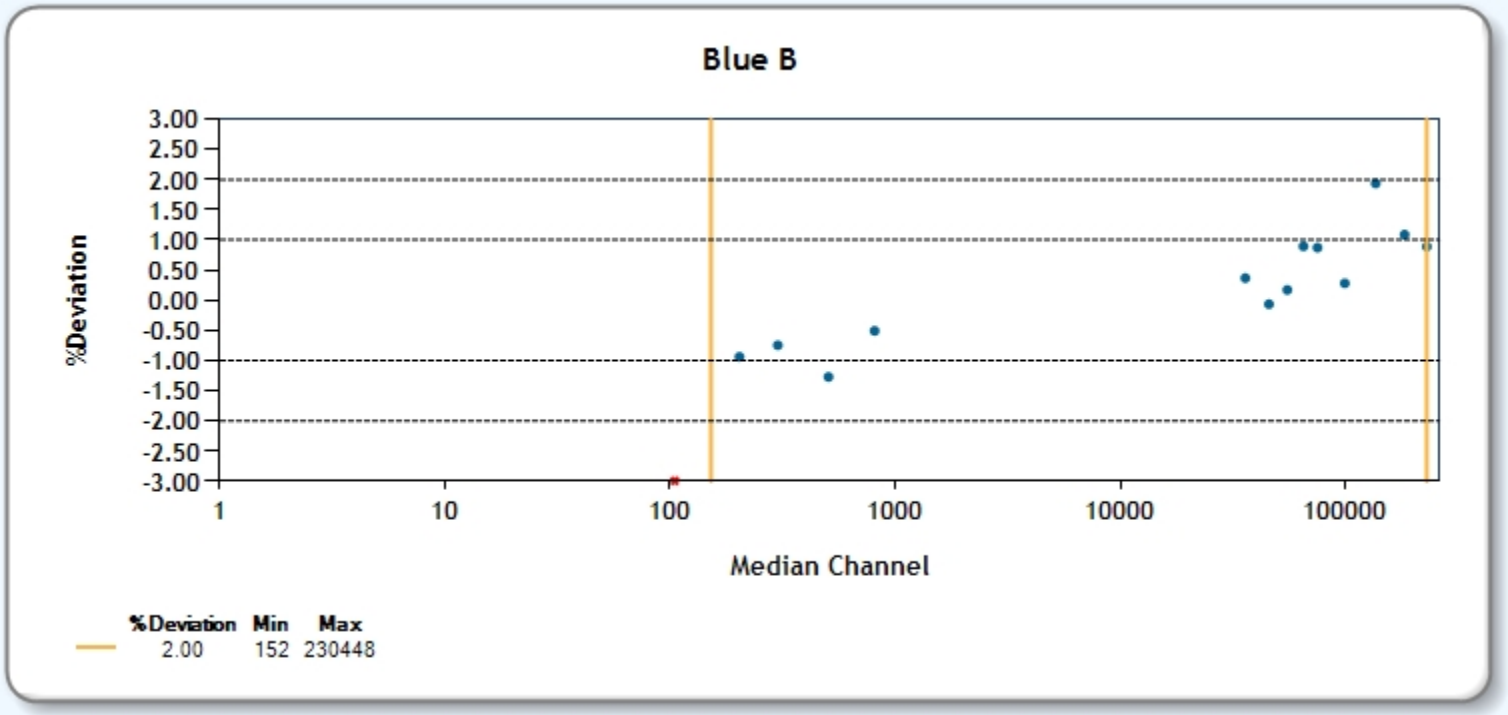

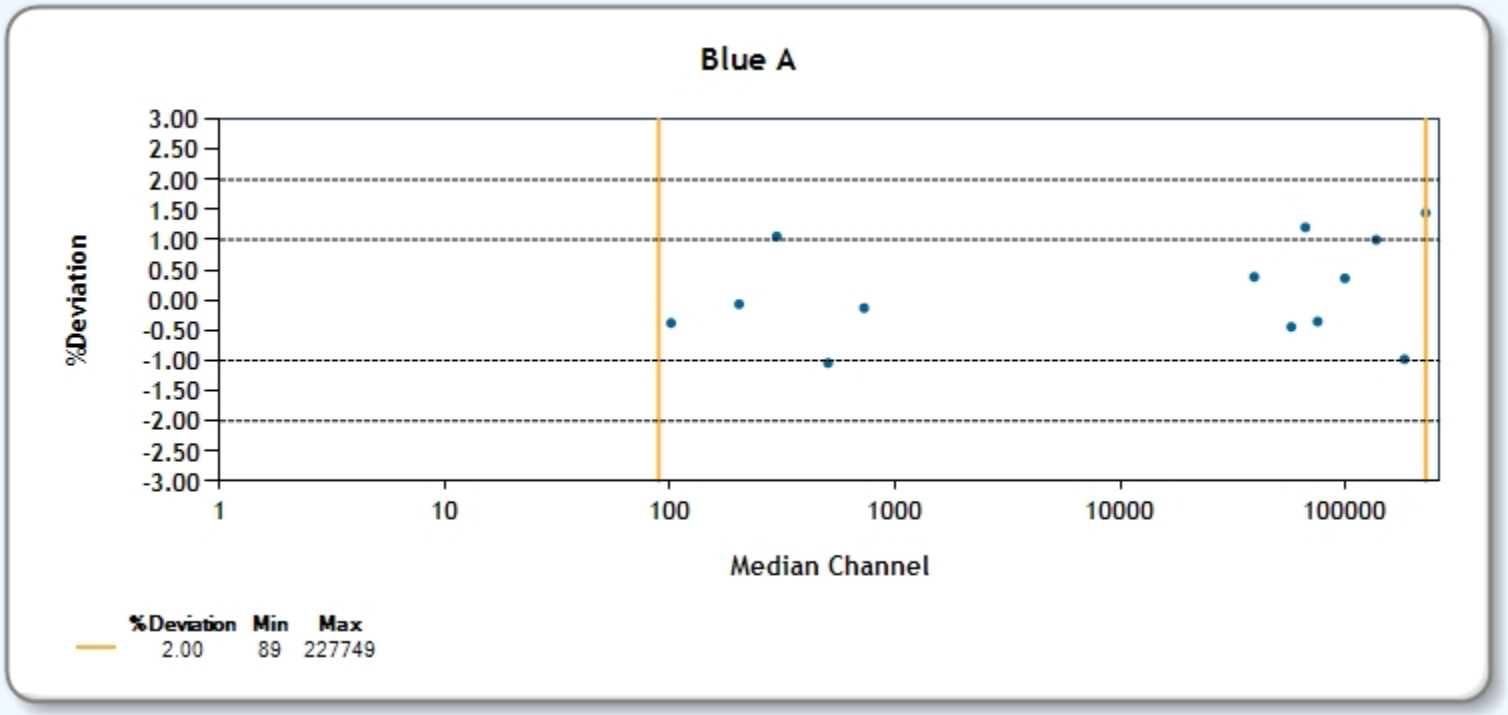

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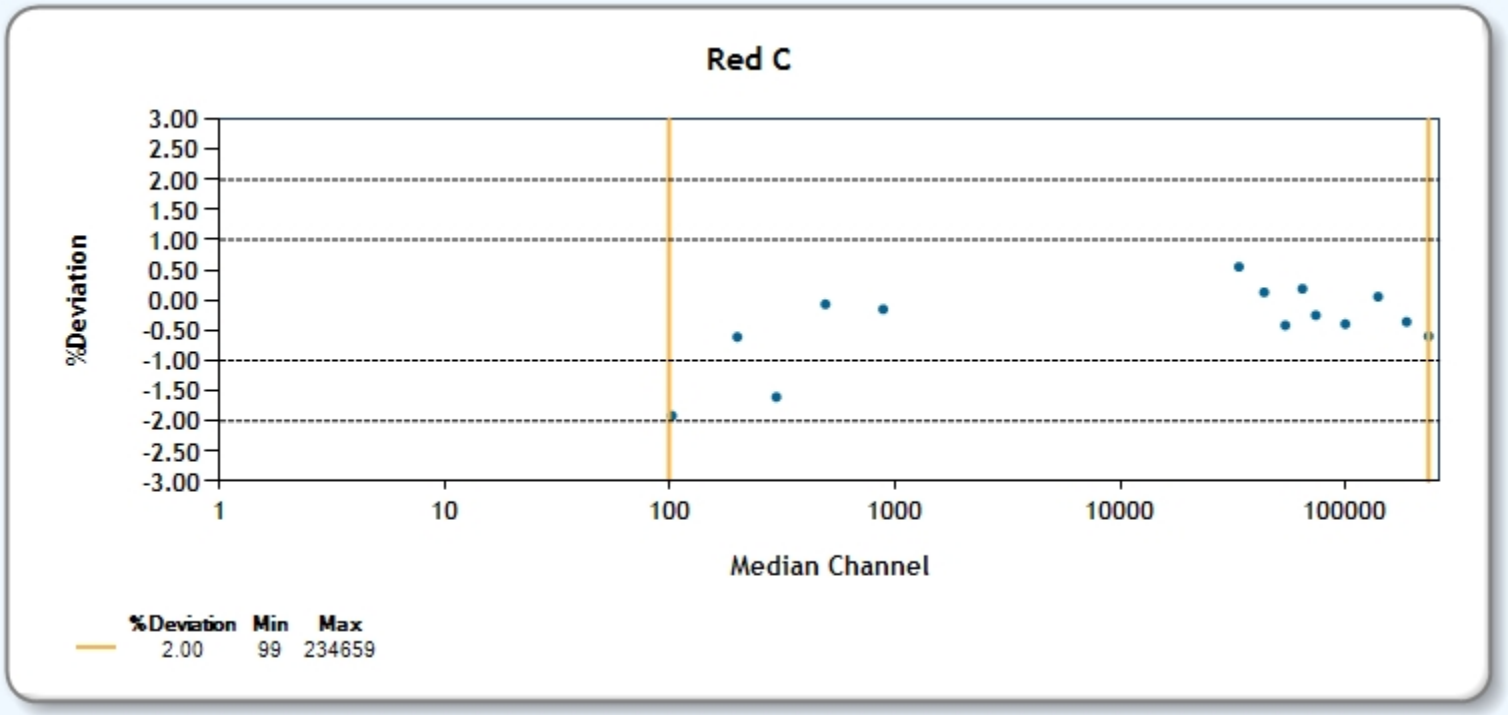

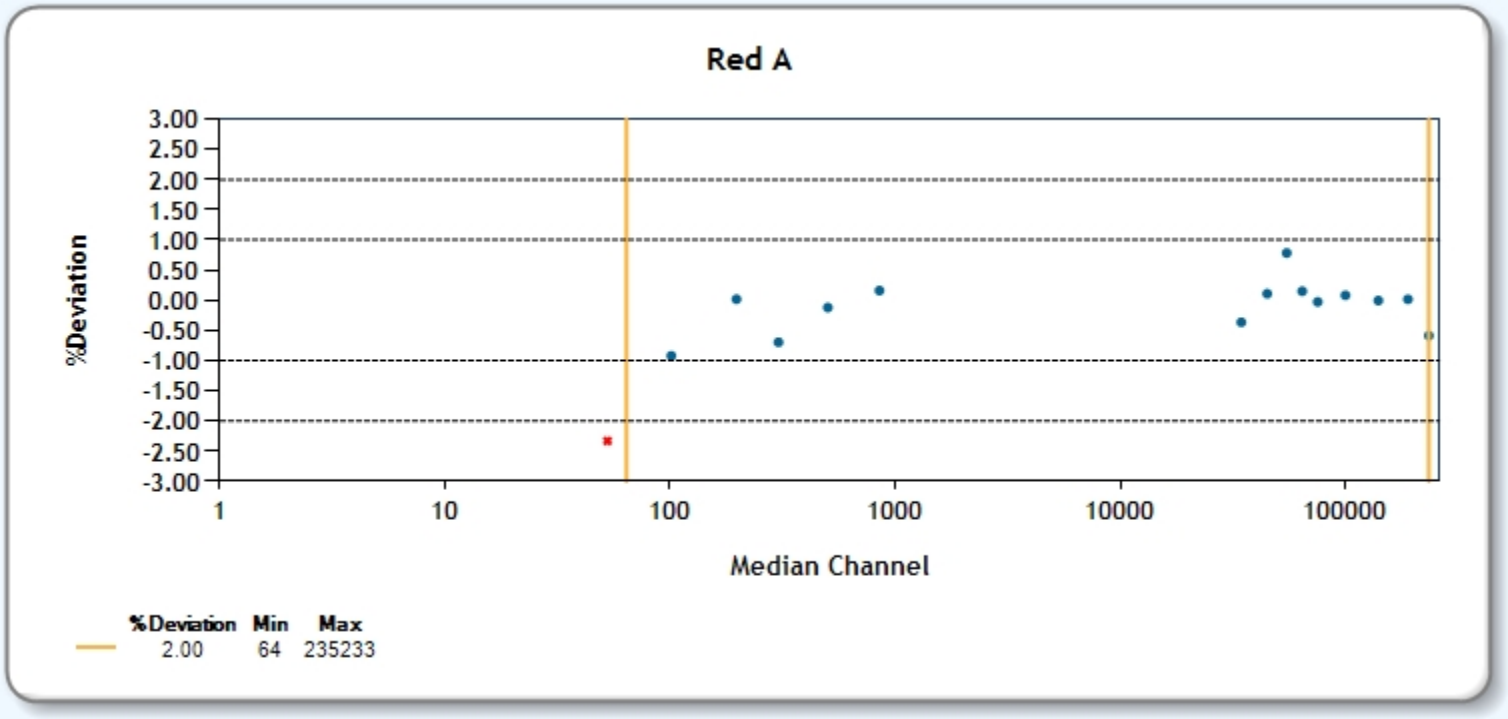

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